

In re Patent Application of
NELSON ET AL.
Serial No. 10/733,739
Filed: DECEMBER 11, 2003

In the Claims:

1. (Previously Presented) An electrical power generating apparatus comprising:
a housing;
an electrical generator within said housing;
a turbine for driving said electrical generator; and
an alternating current (AC) step-up transformer within said housing and connected to said electrical generator.

2. (Previously Presented) An electrical power generating apparatus according to Claim 1 further comprising a plurality of insulated copper conductors connecting said electrical generator and said AC step-up transformer.

3. (Original) An electrical power generating apparatus according to Claim 1 wherein said electrical generator has at least a 50-megawatt output.

4. (Previously Presented) An electrical power generating apparatus according to Claim 1 further comprising a barrier wall within said housing and between said electrical generator and said AC step-up transformer.

5. (Original) An electrical power generating apparatus according to Claim 1 wherein said housing comprises at least one access door.

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6. (Original) An electrical power generating apparatus according to Claim 1 further comprising a fire extinguishing system within said housing.

7. (Previously Presented) An electrical power generating apparatus according to Claim 1 wherein said AC step-up transformer has an output voltage of at least 69 KV.

8. (Original) An electrical power generating apparatus according to Claim 1 wherein said turbine comprises a gas turbine.

9. (Original) An electrical power generating apparatus according to Claim 1 wherein said turbine comprises a steam turbine.

10. (Previously Presented) An electrical power generating apparatus according to Claim 1 further comprising a station power output between said electrical generator and said AC step-up transformer for providing station power.

11. (Previously Presented) An electrical power generating apparatus according to Claim 1 wherein said AC step-up transformer comprises a station power tap for providing station power.

12. (Previously Presented) An electrical power generating apparatus comprising:
a housing;

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an electrical generator within said housing and having an output of at least about 50-megawatts; and

an alternating current (AC) step-up transformer within said housing and connected to said electrical generator.

13. (Previously Presented) An electrical power generating apparatus according to Claim 12 further comprising a plurality of insulated copper conductors connecting said electrical generator and said AC step-up transformer.

14. (Previously Presented) An electrical power generating apparatus according to Claim 12 further comprising a barrier wall within said housing and between said electrical generator and said AC step-up transformer.

15. (Original) An electrical power generating apparatus according to Claim 12 wherein said housing comprises at least one access door.

16. (Original) An electrical power generating apparatus according to Claim 12 further comprising a fire extinguishing system within said housing.

17. (Previously Presented) An electrical power generating apparatus comprising:

a housing;

an electrical generator within said housing;

an alternating current (AC) step-up transformer within said housing and connected to said electrical generator; and

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a barrier wall within said housing and between said electrical generator and said AC step-up transformer.

18. (Previously Presented) An electrical power generating apparatus according to Claim 17 further comprising a plurality of insulated copper conductors connecting said electrical generator and said AC step-up transformer.

19. (Original) An electrical power generating apparatus according to Claim 17 wherein said housing comprises at least one access door.

20. (Original) An electrical power generating apparatus according to Claim 17 further comprising a fire extinguishing system within said housing.

21. (Previously Presented) A method for making an electrical power generating apparatus, the method comprising:
positioning an electrical generator within a housing;
and

connecting an alternating current (AC) step-up transformer to the electrical generator within the housing.

22. (Previously Presented) A method according to Claim 21 wherein connecting the AC step-up transformer further comprises connecting the AC step-up transformer without using an isolated phase bus.

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23. (Previously Presented) A method according to Claim 21 wherein connecting the AC step-up transformer further comprises using a plurality of insulated copper conductors to connect the electrical generator and the AC_step-up transformer.

24. (Original) A method according to Claim 21 wherein the electrical generator has at least a 50-megawatt output.

25. (Previously Presented) A method according to Claim 21 further comprising installing a barrier wall within the housing between the electrical generator and the AC step-up transformer.

26. (Original) A method according to Claim 21 further comprising installing a fire extinguishing system within the housing.

27. (Previously Presented) A method according to Claim 21 further comprising installing a station power output between the electrical generator and the AC step-up transformer for providing station power.

28. (Previously Presented) A method according to Claim 21 wherein the AC step-up transformer comprises a station power tap for providing station power.